

SYSTEM AND METHOD FOR PROVIDING GENERAL PACKET  
RADIO SERVICES IN A PRIVATE WIRELESS NETWORK

ABSTRACT OF THE DISCLOSURE

5           A system for providing general packet radio services (GPRS) to a mobile station includes a packet network operable to transport packets of information, a database coupled to the packet network and operable to store profile information associated with the mobile station, and a base station operable to communicate with the mobile station over a wireless interface. The system also includes an access point  
10       coupled to the base station and to the packet network. The access point is operable to communicate with the mobile station through the base station. The system further includes a GPRS support node coupled to the packet network and operable to communicate with the access point. The GPRS support node is also operable to monitor a location of the mobile station and to route packets of information for the  
15       mobile station to the access point. In addition, the system includes an interworking point coupled to the packet network. The interworking point is operable to communicate with the GPRS support node using a first protocol and with a public network using a second protocol. The interworking point is also operable to interwork between the first protocol and the second protocol.

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